

IN THE CLAIMS:

1. - 20. (canceled)

21. (previously presented) A system for producing virtual camera motion in a motion picture medium comprising:

- a strip of photographic film;

- a first magazine for holding the photographic film prior to exposure;

- a second magazine for holding the photographic film after exposure;

- a plurality of cameras deployed in a flexible array along a preselected path with each camera having a focal plane and a lens assembly for focusing an image of a common scene onto the focal plane;

- a triggering mechanism triggering each camera to record a still image of the scene by exposing a portion of the film along the focal plane;

- a film-feeding mechanism feeding the strip of film from the first magazine through each camera so that a portion of the film is disposed at the focal plane of each camera, and also feeding the strip of film from each camera into the second magazine; and

- a transfer mechanism to transfer the images from the film in a preselected order along the path onto a sequence of frames in the motion picture medium, thereby creating the illusion that a single motion picture camera has moved along the path.

22. (previously presented) The system of claim 21 wherein the transfer mechanism transfers the images into a digital data format.

23. (previously presented) The system of claim 21 wherein the triggering mechanism triggers each camera to simultaneously record a still image of the scene.

24. (previously presented) A system for producing virtual camera motion in a motion picture medium comprising:

a plurality of cameras deployed in a flexible array along a preselected path with each camera focused on a common scene;

a triggering mechanism triggering each of the cameras to record a still image of the scene; and

a transfer mechanism transferring the still images from the cameras into a time-sequence of frames in a digital data format and outputting the time-sequence of frames in a motion picture medium, thereby creating the illusion that a single motion picture camera has moved along the path.

25. (previously presented) The system of claim 24 wherein the camera comprises a video camera.

26. (previously presented) The system of claim 24 wherein the motion picture medium comprises video storage means.

27. (previously presented) The system of claim 24 wherein the motion picture medium comprises motion picture film.

28. (previously presented) The system of claim 24 wherein the triggering mechanism triggers each of the cameras to simultaneously record a still image.

29. (new) A system for making a scene in a motion picture, said motion picture having a time base measured in frames per second, comprising:

an array of cameras deployed along a substantially continuous curve with each camera focused on a common scene;

means for repeatedly actuating each of said cameras to capture a respective series of images of the scene over time such that said cameras capture respective images simultaneously with one another;

means for transferring said captured images into a random access storage device;

means for electronically zooming or panning or tilting selected ones of said captured images;

means for creating a motion picture in which said selected zoomed, panned or tilted images are viewed in sequence to create the illusion of progressive camera movement along said curve; and

wherein each successive image in said motion picture is captured by a different camera.

30. (new) A system according to claim 29 wherein said substantially continuous curve is substantially disposed in a single plane.

31. (new) A system according to claim 29 wherein said plurality of cameras are disposed adjacent and superior to each other.

32. (new) A system according to claim 29 wherein said substantially continuous curve is of an infinite radius.

33. (new) A system according to claim 29 wherein said images are captured by a motion picture film.

34. (new) A system according to claim 29 wherein said images are captured by a video recording device.

35. (new) A system according to claim 29 wherein said motion picture comprises one image from each of said cameras.

36. (new) A method for making a scene in a motion picture, said motion picture having a time base measured in frame per second, comprising:

providing an array of cameras deployed along a substantially continuous curve with each camera focused on a common scene;

repeatedly actuating each of said cameras to capture a respective series of images of the scene over time such that said cameras capture respective images simultaneously with one another;

transferring said captured images into a random access storage device;

electronically zooming or panning or tilting selected one of said captured images;

creating a motion picture in which said selected zoomed, panned or tilted images are viewed in sequence to create the illusion of progressive camera movement along said curve; and

wherein each successive image in said motion picture is captured by a different camera.

37. (new) A system according to claim 36 wherein said substantially continuous curve is substantially disposed in a single plane.

38. (new) A system according to claim 36 wherein said plurality of cameras are disposed adjacent and superior to each other.

39. (new) A system according to claim 36 wherein said substantially continuous curve is of an infinite radius.

40. (new) A system according to claim 36 wherein said images are captured by a motion picture film.

41. (new) A system according to claim 36 wherein said images are captured by a video recording device.

42. (new) A system according to claim 36 wherein said motion picture comprises one image from each of said cameras.

43. (new) A motion picture produced by the process of claim 36.

44. (new) A process for producing virtual progressive camera movement in a motion picture comprising:

providing an array of cameras deployed along a pre-selected path with each camera focused on a common scene;

repeatedly actuating each of said cameras to capture a respective series of images of the scene over time such that said cameras capture respective images simultaneously with one another;

creating a motion picture in which selected images from said captured images are viewed in sequence to create the illusion of progressive camera movement along the path; and

wherein each pair of successive images in said viewed sequence of images combines virtual camera movement and time advancement.

45. (new) A process according to claim 44 wherein said creation includes editing the selected images.

46. (new) A motion picture produced by the process of claim 44.